

### REMARKS

Prior to a first examination of the divisional application filed herewith, please enter the foregoing amendments and the following remarks.

Claims 25 and 27 have been amended by this preliminary amendment. Claims 1-24 and 32-39 have been cancelled without prejudice. Claims 40-51 have been added. Accordingly, claims 25-31 and 40-51 are currently pending in this divisional application. Of the pending claims, claims 25, 40, and 46 are independent claims. Applicant believes no new matter has been added by this paper.

#### **I) Divisional Application**

The application papers filed herewith are a true copy of the prior complete application filed on March 29, 2002 having Serial Number 10/109,826. This divisional application is filed under Rule 1.53(b) and claims the benefit of the parent Patent Application No. 10/109,826 filed March 29, 2002 under 35 U.S.C. 120 and 37 CFR 1.78(a), which claims the benefit of Serial No. 60/280,800 and its filing date of April 2, 2001.

The parent Patent Application No. 10/109,826 is also a continuation-in-part and claims the benefit of:

U.S. Application No. 09/494,608, filed January 31, 2000 by Ganapathy et al; U.S. Application No. 09/652,100, filed August 30, 2000 by Ganapathy et al; U.S. Application No. 09/652,593, filed August 30, 2000 by Ganapathy et al; U.S. Application No. 09/652,556, filed August 31, 2000 by Ganapathy et al; U.S. Application No. 09/494,609, filed January 31, 2000 by Ganapathy et al; U.S. Patent Application No. 10/056,393, entitled "METHOD AND APPARATUS FOR RECONFIGURABLE MEMORY", filed January 24, 2002 by Venkatraman et al which claims the benefit of U.S.

Provisional Patent Application No. 60/271,139, filed February 23, 2001; U.S. Patent Application No. 10/076,966 entitled "METHOD AND APPARATUS FOR OFF BOUNDARY MEMORY ACCESS", filed February 15, 2002 by Nguyen et al which claims the benefit of U.S. Provisional Patent Application No. 60/271,279, filed February 24, 2001; and, U.S. Patent Application No. 10/047,538 entitled "SELF-TIMED ACTIVATION LOGIC FOR MEMORY", filed January 14, 2002 by Nguyen et al which claims the benefit of U.S. Provisional Patent Application No. 60/271,282, filed February 23, 2001; all of which are to be assigned to Intel, Corporation.

## **II) Specification**

In the Cross-Reference to Related Applications section, on page 1, line 4, the paragraph therein has been amended to reflect the cross-noted applications to which this divisional patent application claims the benefit thereof.

## **III) Restriction Requirement**

In section 1 of the Office Action mailed on 07/29/2003 in the parent patent application, Claims 1-39 were restricted into six claim groups (I-VI) under 35 U.S.C. 121. The following is the six groupings of the claims:

Group I :	Claims 1-6
Group II:	Claims 7-19
Group III:	Claims 20-24
Group IV:	Claims 25-31
Group V:	Claims 32-35
Group VI:	Claims 36-39

Applicant elected to go forward with claims 7-19 of Group II, without traverse in the parent patent application.

In this divisional application, original claims 25-31 of Group IV are presented for a first examination on the merits.

Accordingly, Applicant has cancelled claims 1-24 and 32-39 corresponding to Groups I-III and V-VI claims without prejudice in order to comply with the restriction requirement.

**IV) New Claims**

Applicant has added new claims 40-51.

New claim 40 and 46 are new independent claims.

New claims 41-45 depend directly or indirectly from independent claim 40.

New claims 47-51 depend directly or indirectly from independent claim 46.

Applicant believes new claims 40-51 correspond to Group IV claims similarly "drawn to [] memory clusters coupled to controller via bus control lines for controlling activity, classified in class 711, subclass 154" as recited in the restriction requirement of the parent application.

**V) Claim Amendments**

Original claims 25-31 and new claims 40-51 have yet to be examined on the merits.

Applicant has made amendments to independent claims 25 and dependent claim 27 prior to their examination in order to clarify the claimed invention and not for reasons related to patentability.

**CONCLUSION**

A first examination of the pending claims is respectfully requested.

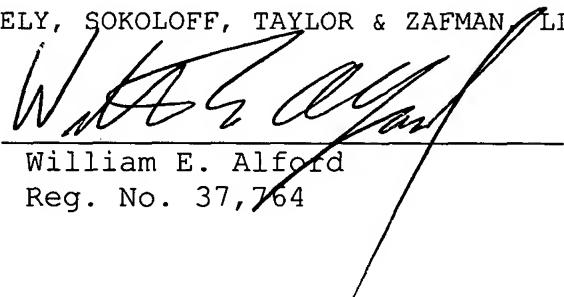
The Examiner is invited to contact Applicant's undersigned counsel by telephone at (714) 557-3800 should there be any questions.

Please charge any shortage in fees in connection with the filing of this paper to Deposit Account 02-2666 and please credit any excess fees to such deposit account.

Respectfully submitted,

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Dated: August 27, 2003



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